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Attn: Mr. Winston M. Alvarado Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

On _____ May 22, 2007

TOWNSEND and TOWNSEND and CREW LLP

By: (MM) 1000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

LEPPLA et al.

Application No.: 10/554,076

Filed: October 21, 2005

For: ACTIVATION OF RECOMBINANT DIPHTHERIA TOXIN

FUSION PROTEINS BY SPECIFIC PROTEASES HIGHLY EXPRESSED ON THE SURFACE OF TUMOR CELLS Confirmation No. 4475

Examiner:

Not yet assigned

Art Unit:

Not yet assigned

COMMUNICATION UNDER

37 C.F.R. §§ 1.821-1.825

AND

PRELIMINARY AMENDMENT

Attn: Mr. Winston M. Alvarado Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the request to comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, 37 C.F.R. §§ 1.821-1.825, that accompanied the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) mailed January 22, 2007, Applicants submit herewith the required paper copy and computer readable copy of the Substitute Sequence Listing. Please amend the specification as follows.

Amendments to the Specification begin on page 3 of this paper.

Appl. No. 10/554,076 Amdt. dated May 22, 2007 Reply to Notification of Missing Requirements of January 22, 2007

Amendments to the Claims are reflected in the listing of claims which begins on page 4 of this paper.

Remarks begin on page 10 of this paper.